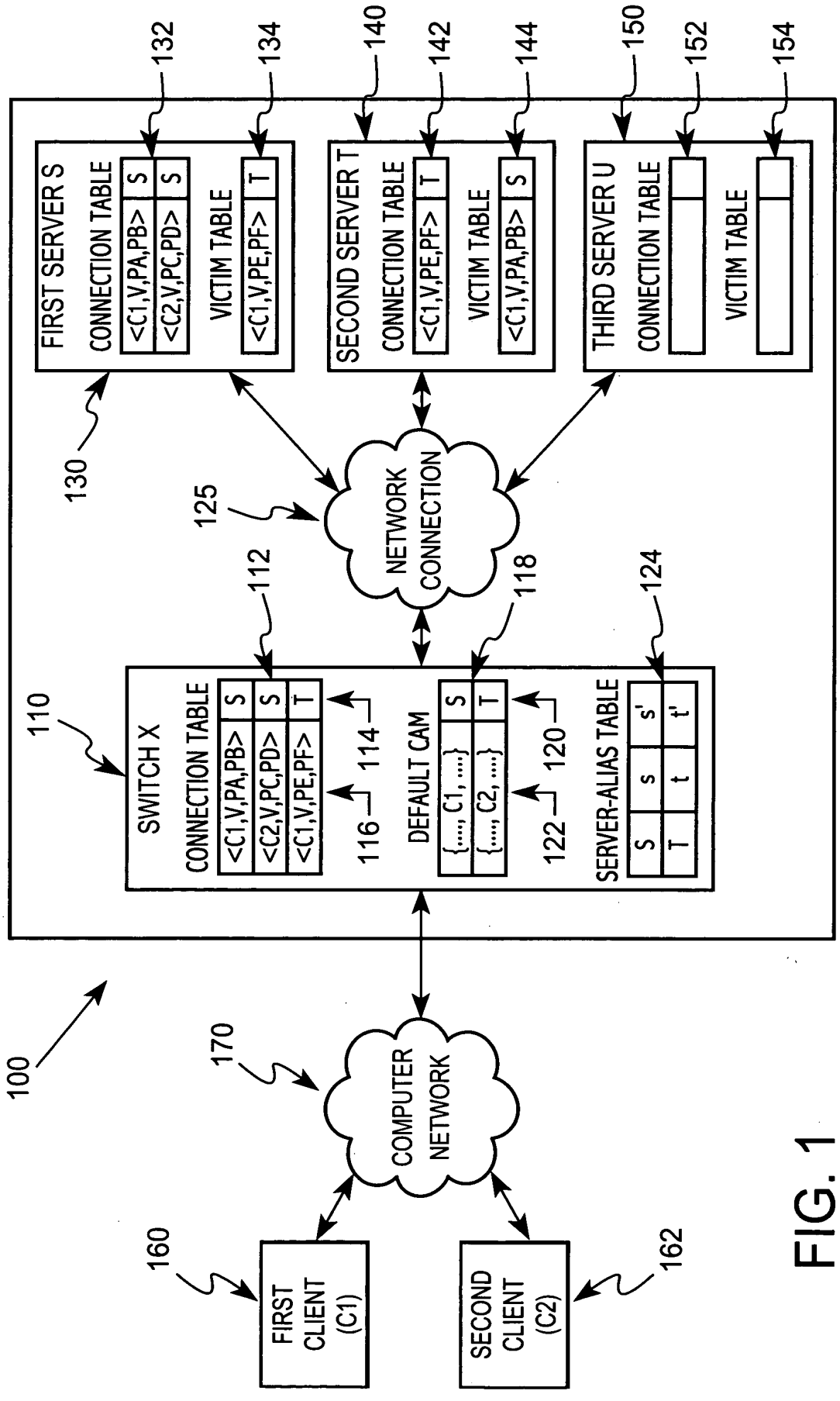
100
110
SWITCH X
CONNECTION TABLE
<C1,V,PA,PB>
<C2,V,PC,PD>
<C1,V,PE,PF>
S
S
T
112
114
116
DEFAULT CAM
{...., C1, ...}
{...., C2, ...}
118
120
122
SERVER-ALIAS TABLE
S
T
s
t
s'
t'
124
125
NETWORK CONNECTION
130
FIRST SERVER S
CONNECTION TABLE
<C1,V,PA,PB>
<C2,V,PC,PD>
VICTIM TABLE
<C1,V,PE,PF>
132
134
SECOND SERVER T
CONNECTION TABLE
<C1,V,PE,PF>
VICTIM TABLE
<C1,V,PA,PB>
140
142
144
THIRD SERVER U
CONNECTION TABLE
VICTIM TABLE
150
152
154
170
COMPUTER NETWORK
160
FIRST CLIENT (C1)
162
SECOND CLIENT (C2)

FIG. 1

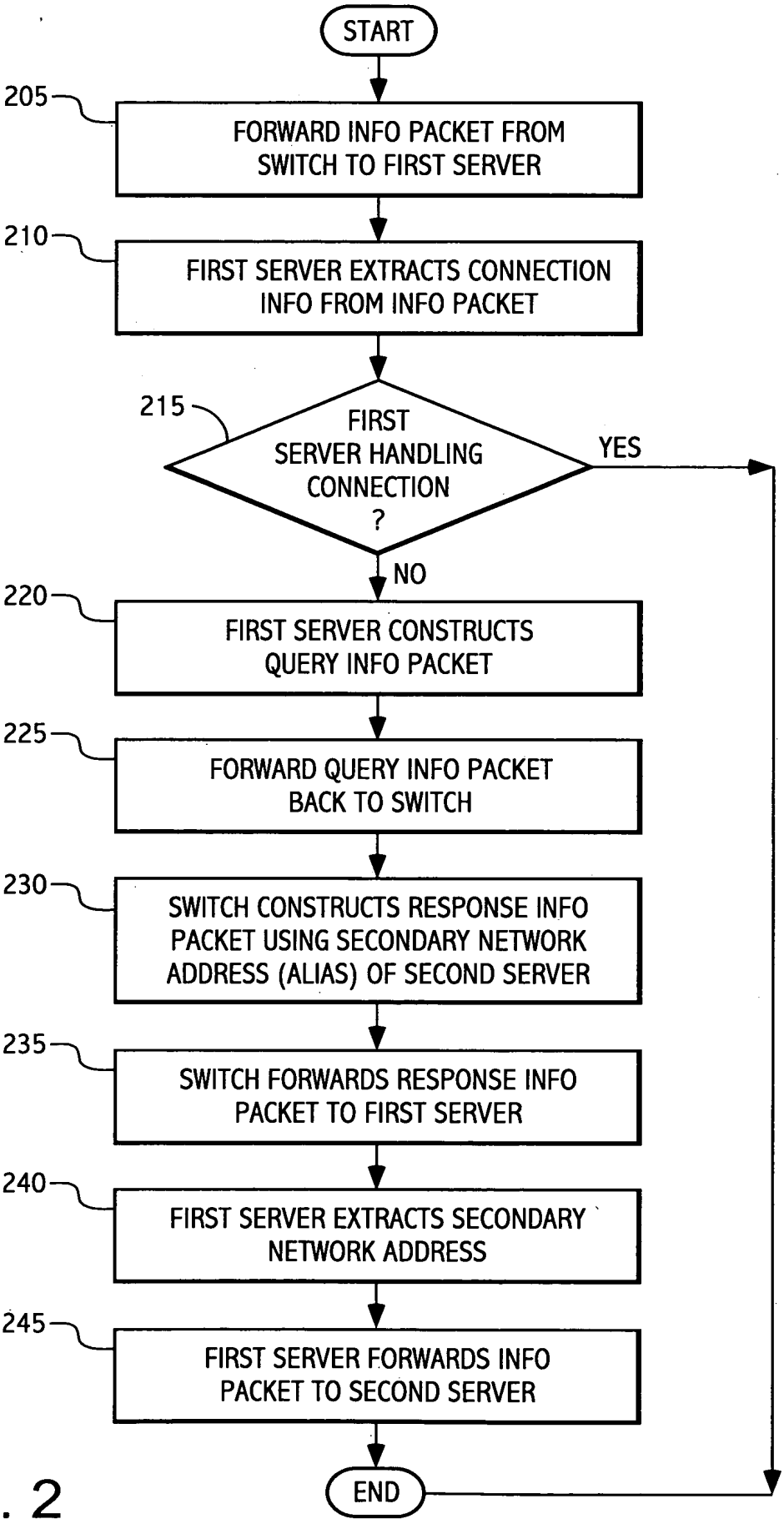
START
205
FORWARD INFO PACKET FROM SWITCH TO FIRST SERVER
210
FIRST SERVER EXTRACTS CONNECTION INFO FROM INFO PACKET
215
FIRST SERVER HANDLING CONNECTION ?
YES
NO
220
FIRST SERVER CONSTRUCTS QUERY INFO PACKET
225
FORWARD QUERY INFO PACKET BACK TO SWITCH
230
SWITCH CONSTRUCTS RESPONSE INFO PACKET USING SECONDARY NETWORK ADDRESS (ALIAS) OF SECOND SERVER
235
SWITCH FORWARDS RESPONSE INFO PACKET TO FIRST SERVER
240
FIRST SERVER EXTRACTS SECONDARY NETWORK ADDRESS
245
FIRST SERVER FORWARDS INFO PACKET TO SECOND SERVER
END

FIG. 2